

**VICINITY MAP**  
SCALE: 1" = 200'

**GENERAL NOTES**

- TOTAL AREA OF PARCEL: 36,750 S.F. 2.2210 AC.
- PRESENT ZONING: 847M, R-20 TO B-1
- RECORDED AS CHATHAM PLAZA LIBER 695 FOLIO 92,93
- SHOWN ON TAX MAP 24 PARCEL 577
- PARKING DATA
  - INTENDED USE OF STRUCTURE: SHOPPING CENTER
  - AREA AND PERCENTAGE OF BUILDING COVERAGE: 18,200 S.F. 18.8%
  - AREA AND PERCENTAGE OF OPEN SPACE: 25,575 S.F. 26.4%
  - AREA OF PARKING LOTS: 52,975 S.F. 54.75%
  - AREA AND PERCENTAGE OF LANDSCAPED ISLANDS WITHIN PARKING LOTS: 2,930 S.F. 5.5%
  - TOTAL NUMBER OF PARKING SPACES REQUIRED (18,200 SHOPPING CENTER): 58/1000 SHOPPING CENTER = 91 SPACES
  - TOTAL NUMBER OF PARKING SPACES PROVIDED = 91
    - REGULAR SPACES: 87
    - HANDICAPPED SPACES: 4
- CONTRACTOR SHALL NOTIFY THE HOWARD CO. CONSTR. INSPECTION SURVEY DIVISION 24 HRS. PRIOR TO CONSTRUCTION AT 992-2437.
- HANDICAPPED FACILITIES CONSTRUCTED IN ACCORDANCE WITH "DESIGN OF BARRIER FREE FACILITIES" & "MD. BLDG. CODE FOR HANDICAPPED & AGED."
- CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777, 72 HRS. PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
- SEE ARCHITECTURAL DWGS. FOR BLDG. DIMENSIONS & ELEVATIONS
- SEE SHEET C-4 OF 4 FOR LANDSCAPING PLAN.
- SEE SHEET C-4 OF 4 FOR STORMWATER MANAGEMENT PLAN
- SEE SHEET C-2 OF 4 FOR SEDIMENT & EROSION CONTROL PLAN
- SEE SHEET C-3 OF 4 FOR SEDIMENT & EROSION CONTROL DETAILS
- SEE SHEET C-4 OF 4 FOR DRAINAGE PROFILES.



Approved: *Robert Harris*  
Howard S.C.D.

**SYMBOLS**

EX. GROUND	---
PROP. GRADE	---
EX. CURB	---
PROP. CURB	---
EX. PROPERTY LINE	---
EX. SWALE	---
PROP. SPOT ELEV.	○
EX. TREE	○
EX. WATER	---
PROP. WATER	---
EX. S.D. MANHOLE	○
PROP. S.D. MANHOLE	○
EX. SAN. MANHOLE	○
EX. VALVE & TEE	○
UTILITY EASEMENT	---
HANDICAPPED RAMP	---
HANDICAPPED SPACE	---
RETAINING WALL	---
EX. GAS	---
DIRECTION OF TRAFFIC	↑
EX. WIRE FENCE	---
EX. WOODEN FENCE	---
ELECT. POLE / LIGHT	○

**ABBREVIATIONS**

AC.	ACRE
BLDG.	BUILDING
BRL.	BUILDING RESTRICTION LINE
E.S.M.T.	EASEMENT
ELEV.	ELEVATION
EX.	EXISTING
F.F.	FINISH FLOOR
G	GAS
M	MANHOLE
P.V.M.T.	PAVEMENT
PROP.	PROPOSED
R.	RADIUS
R.C.C.P.	REINFORCED CONC. CULVERT PIPE
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
SAN.	SANITARY
S.D.	STORM DRAIN
SHT.	SHEET
T	TELEPHONE
TYP.	TYPICAL
W.	WATER

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Approved: *Howard S.C.D.*  
Howard S.C.D.

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEM HOWARD CO. HEALTH DEPARTMENT

County Health Officer: *James J. Smith* 11/22/89

APPROVED: HO. CO. DEPT. OF PLANNING AND ZONING

Director: *James J. Smith* 11/22/89

CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPARTMENT OF PUBLIC WORKS

Director: *James J. Smith* 11/22/89

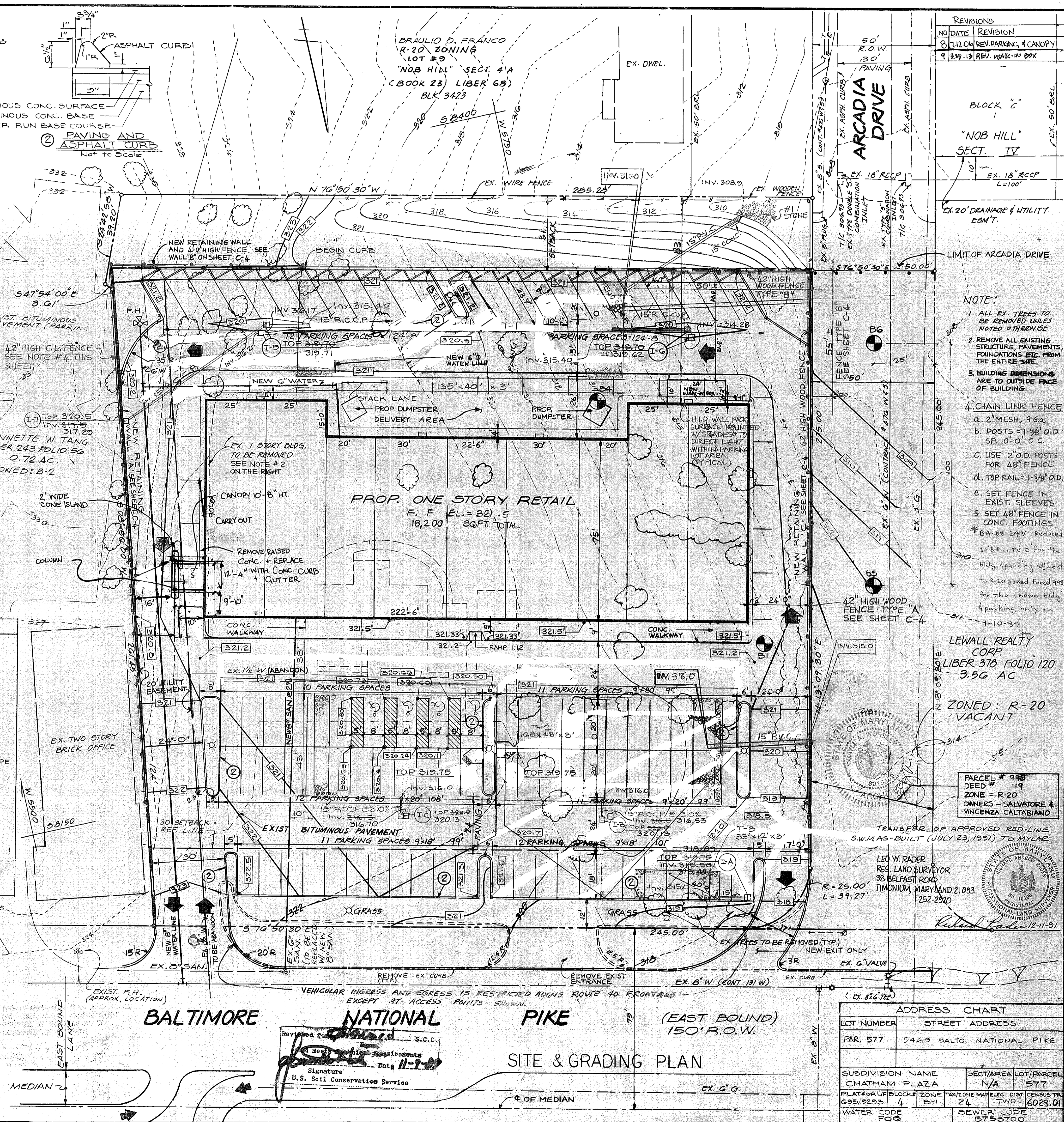
CHIEF BUREAU OF ENGINEERING

**APPROVED**

DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND

DATE: 6-13-89



**REVISIONS**

NO.	DATE	REVISION
8	11-20-89	REV. PARKING, CANOPY
9	2-27-89	REV. WALK-IN BOX

BLOCK "C"  
"NOB HILL"  
SECT. IV

- NOTE:**
- ALL EX. TREES TO BE REMOVED UNLESS NOTED OTHERWISE
  - REMOVE ALL EXISTING STRUCTURE, PAVEMENTS, FOUNDATIONS ETC. FROM THE ENTIRE SITE.
  - BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING
  - CHAIN LINK FENCE
    - 2" MESH, 9 GA.
    - POSTS = 1-3/8" O.D. SP. 10'-0" O.C.
    - USE 2" O.D. POSTS FOR 48" FENCE
    - TOP RAIL = 1-3/8" O.D.
  - SET FENCE IN EXIST. SLEEVES
  - SET 48" FENCE IN CONC. FOOTINGS
- \* BA 88-34 V: Reduced

LEWALL REALTY CORP.  
LIBER 378 FOLIO 120  
3.56 AC.

ZONED: R-20  
VACANT

PARCEL # 988  
DEED # 119  
ZONE = R-20  
OWNERS - SALVATORE & VINCENZA CALTABIANO

TRANSFER OF APPROVED RED-LINE SWIMAS-BUILT (JULY 23, 1991) TO MYLAR

LED W. RADER  
REG. LAND SURVEYOR  
38 BELFAST ROAD  
TIMONIUM, MARYLAND 21093  
252-2920

**ADDRESS CHART**

LOT NUMBER	STREET ADDRESS
PAR. 577	2469 BALTO. NATIONAL PIKE

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
CHATHAM PLAZA	N/A	577

PLAT# OR BLOCK#	ZONE	TAX/ZONE MAP/LEC. DIST. CENSUS TR.
G95/9223	4 B-1	24 TWO 6023.01

WATER CODE	SEWER CODE
FOG	5753700

**CHATHAM PLAZA**  
9469 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY MARYLAND

OWNER:  
SALVATORE CALTABIANO  
& VINCENZA CALTABIANO  
181 SUNNY DALE WAY  
REISTERSTOWN, MD. 21136

PARCEL #: 577 & 998  
DEED #: 1627 & 119  
LIBER: 695 FOLIO: 92,93  
SECOND ELECTION DIST.  
HOWARD COUNTY, MD.  
BOARD OF APPEALS  
REF. CASE NOS:  
BA 706-C, BA 754-C,  
BA 82-30E, BA 83-36V,  
BA 84-45V, BA 260-D,  
\* BA 88-34V, SDP-75-60

ZONING: 847M

No.	Date	Item
5	11/20/89	GEN. REVISIONS
4	7/27/89	GEN. REVISIONS
3	6/16/89	GEN. REVISIONS
2	3/17/89	GEN. REVISIONS
1	2/27/89	GEN. REVISIONS

**REVISIONS**

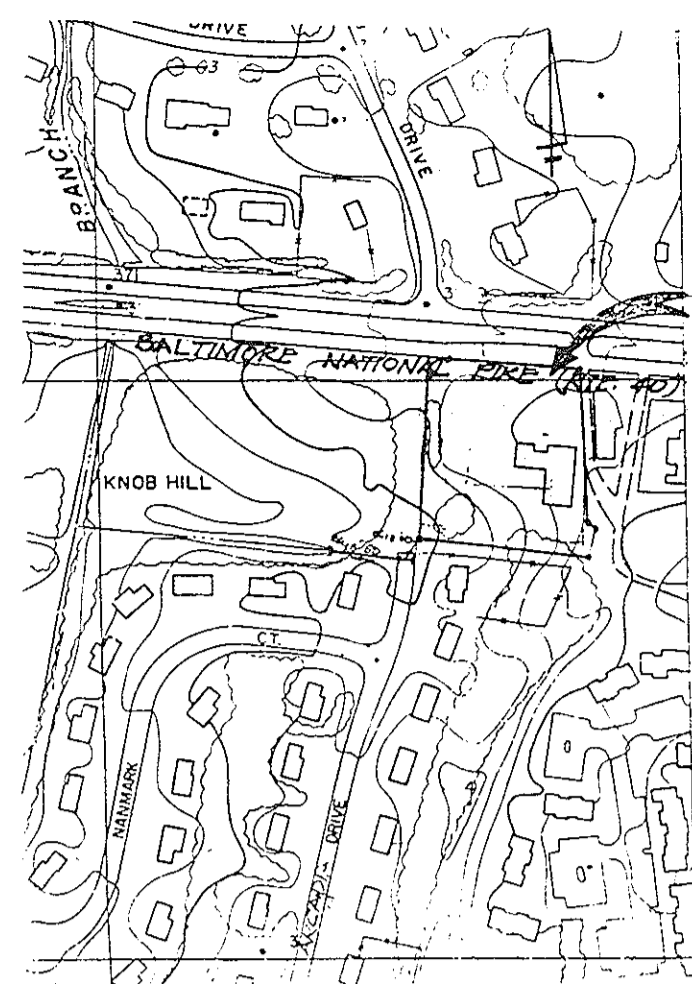
Drawn	Seal
Checked	
Approved	

**ODDISH ENGINEERING SERVICES, INC.**  
5502 Metro Drive  
Baltimore, MD 21284  
(410) 551-2341

**ADDS**  
2133 ROCKWELL AVE.  
BALTIMORE, MD 21228  
TEL. (301) 744-1865

Title: **SITE AND GRADING PLAN**

Contr. No.	8304
Scale	1" = 20'
Date	8-25-89
Last Rev.	10-27-89 1084



Drainage APEA MAP  
N.T.S.

- SEQUENCE OF CONSTRUCTION**
- OBTAIN PROPER PERMITS.
  - CONTRACTOR MUST SUBMIT WRITTEN NOTIFICATION 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY TO THE HOWARD COUNTY SEDIMENT CONTROL SECTION STATING:
    - WHEN CONTRACTOR INTENDS TO BEGIN CONSTRUCTION
    - SOURCE OF BORROW MATERIAL
    - DISPOSAL SITE AREA
    - CONTRACTOR'S TENTATIVE CLOSING DATE
  - INSTALL HEAVY DUTY STABILIZED CONSTRUCTION ENTRANCES WHERE DESIGNATED ON PLAN. CLEAR AND GRUB AS NECESSARY FOR INSTALLATION OF PERIMETER SEDIMENT CONTROL MEASURES INCLUDING SETTING UP TEMPORARY STOCKPILE AREA AND CONTRACTORS STAGING AREA.
  - BEGIN DEMOLITION OF EXISTING BUILDING AND PAVEMENTS. ALL DEMOLITION MATERIAL TO BE TRANSPORTED TO DISPOSAL SITE AREA.
  - WITH THE APPROVAL OF HOWARD COUNTY SEDIMENT CONTROL SECTION, BEGIN ROUGH GRADING AND EXCAVATING OPERATIONS.
  - PROVIDE TEMPORARY STABILIZATION TO CUT/FILL AREAS. (SEE PLANS). CONSTRUCT RETAINING WALLS.
  - CONSTRUCT STORM DRAIN SYSTEM, WATER, AND SANITARY LINES. PROVIDE INLET PROTECTION AS SHOWN ON PLANS.
  - BEGIN ROUGH EXCAVATION OF INFILTRATION TRENCH BASIN. TEMPORARILY DIVERT PIPES AT LEAST 10' AWAY FROM LOCATION OF INFILTRATION TRENCH ON TO GRASSY AREAS. CONSTRUCT TEMPORARY EARTH DIBE AROUND UPPER END OF INFILTRATION BASIN AS SHOWN ON CONTRACT DRAWINGS. CONSTRUCT INFILTRATION TRENCH AFTER ALL AREAS OF CONSTRUCTION ARE STABILIZED.
  - CONSTRUCT PROPOSED BUILDING. REMOVE STOCKPILE AREA.
  - FINE GRADE CONSTRUCTION AREA. PAVE PARKING LOTS AND DRIVEWAYS. PROVIDE OTHER PERMANENT STABILIZATION.
  - WITH APPROVAL OF HOWARD COUNTY SEDIMENT CONTROL SECTION, REMOVE SEDIMENT TRAPS, STABILIZED CONSTRUCTION ENTRANCES, DIXES, AND INLET PROTECTION.
  - REMOVE CONTRACTORS STAGING AREA AND STABILIZE ANY REMAINING DISTURBED AREAS.

Signature: *Howard S.C.D.*  
Name: Howard S.C.D.  
U.S. Soil Conservation Service  
Date: 11-2-89

**STABILIZATION SCHEDULE**

APEA	ACTIVE	INACTIVE	SQFT	TYPE OF STABILIZATION	SEQ.
A	ACTIVE		2750	EXISTING STRUCTURE	4
	ACTIVE			TEMPORARY	6
B	INACTIVE		18,300	TEMPORARY	6
	ACTIVE			PERMANENT STRUCTURE	8
C	INACTIVE		28,680	TEMPORARY	6
	INACTIVE			PERMANENT	8
D	ACTIVE		49,725	CRUSHED PAV	6
	ACTIVE			PERMANENT	8
E	ACTIVE		9575	CRUSHED PAV	6
	ACTIVE			PERMANENT	8
F	INACTIVE		2000	PERMANENT	6
	INACTIVE			INFILTRATION TRENCH	7

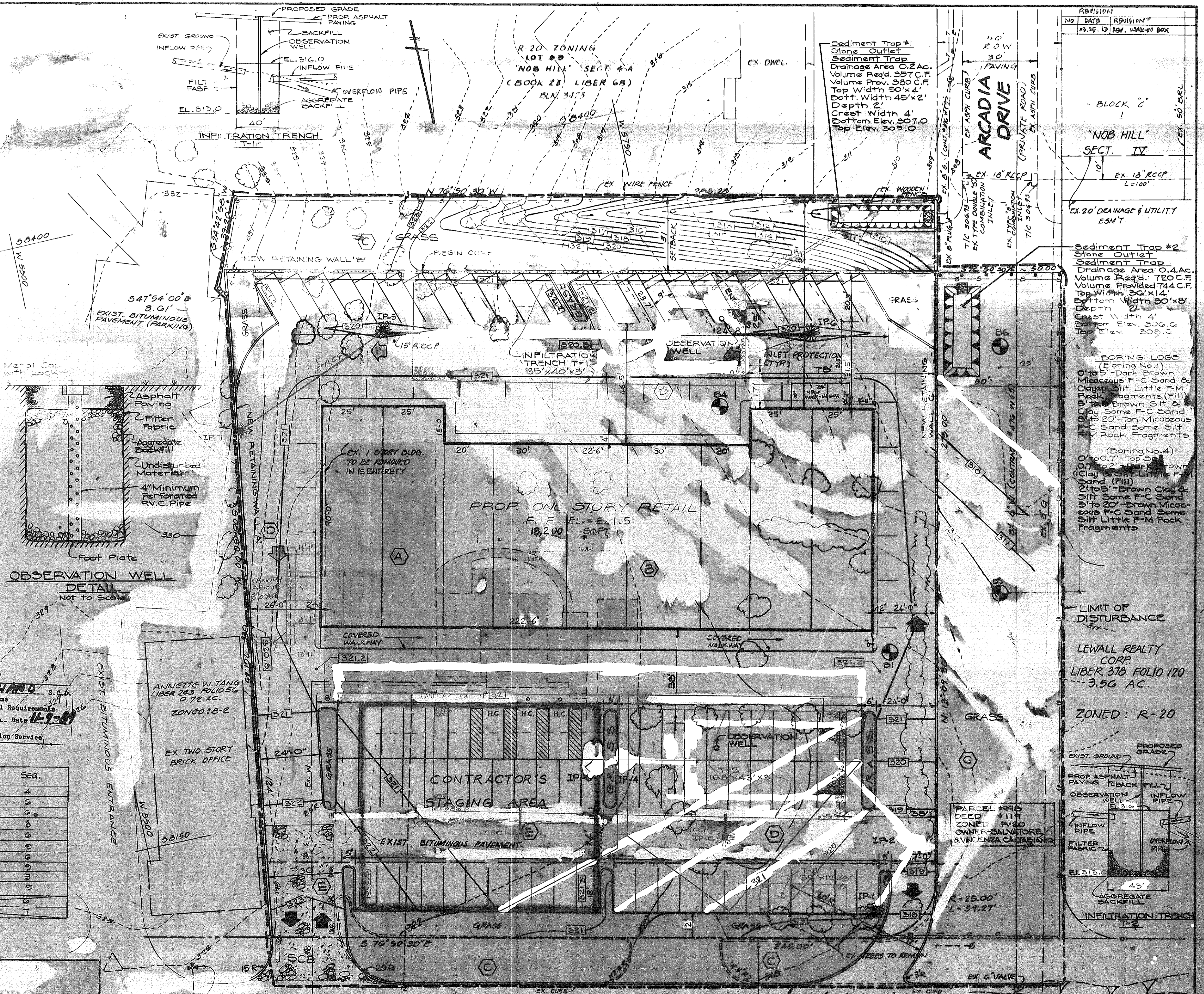
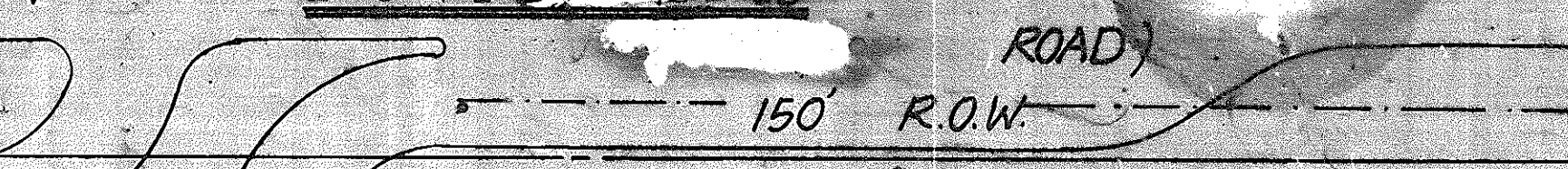
TOTAL CUT = 49,779 CUBIC FEET  
TOTAL FILL = 108,418 CUBIC FEET  
CUT/FILL RATIO = 1:3.8

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS: HOWARD CO. HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *Joseph M. Lind* DATE: 11/28/89  
 APPROVED: NO. 22, DEPT. OF PLANNING AND ZONING  
 DIRECTOR: *Joseph M. Lind* DATE: 11/29/89  
 CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS: HOWARD CO. DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *James M. Lind* DATE: 11/20/89  
 CHIEF BUREAU OF ENGINEERING: *James M. Lind* DATE: 11/28/89

APPROVED  
 HOWARD COUNTY  
 DEPARTMENT OF PLANNING & LAND DEVELOPMENT  
 DATE: 6-13-89

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Approved: *Howard S.C.D.*

**BALTIMORE NATIONAL PIKE**  
**SEDIMENT & EROSION CONTROL PLAN**  
 SCALE: 1" = 20'



REVISION

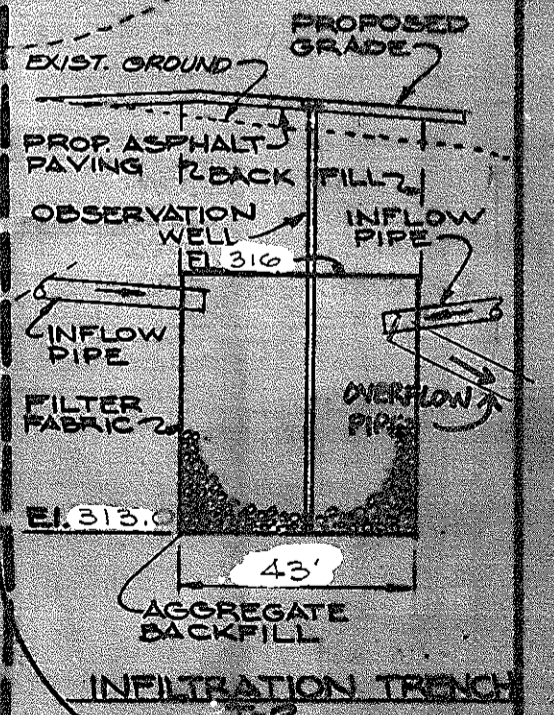
NO.	DATE	REVISION
1	11-29-89	REVISED TO BOX

"NOB HILL" SECT. IV  
 EX. 18" R.C.C.P. L=100'  
 EX. 20" DRAINAGE & UTILITY E.S.M.T.

Sediment Trap #2  
 Stone Outlet  
 Sediment Trap  
 Drainage Area 0.4 AC  
 Volume Req'd: 720 C.F.  
 Volume Provided 744 C.F.  
 Top Width 30' x 4'  
 Bottom Width 20' x 8'  
 Depth 2'  
 Crest Width 4'  
 Bottom Elev. 507.0  
 Top Elev. 509.0

BORING LOGS  
 (Boring No. 1)  
 0' to 5' - Dark Brown Micaceous F-C Sand & Clay  
 5' to 10' - Little F-M Rock Fragments (Fill)  
 10' to 15' - Brown Silt & Clay  
 15' to 20' - Tan Micaceous F-C Sand  
 20' to 25' - Sand Some Silt & Rock Fragments  
 (Boring No. 4)  
 0' to 0.7' - Top So.  
 0.7' to 2' - Dark Brown Clay with Little F-M Rock (Fill)  
 2' to 5' - Brown Clay & Silt  
 5' to 20' - Brown Micaceous F-C Sand  
 20' to 25' - Sand Some Silt & Little F-M Rock Fragments

LEWALL REALTY CORP.  
 LIBER 378 FOLIO 120  
 3.56 AC.  
 ZONED: R-20



**CHATHAM PLAZA**  
 9469 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY MARYLAND

OWNER:  
 SALVATORE CALTABIANO  
 & VINCENZA CALTABIANO  
 131 SUNNY DALE WAY  
 REISTERSTOWN, MD. 21136

PARCEL #1: 577 4998  
 DEED #1: 1427 & 119  
 LIBER: 675 FOLIO: 9293  
 SECOND ELECTION DIST.  
 HOWARD COUNTY, MD.  
 BOARD OF APPEALS  
 REF. CASE NO. 5  
 BA 706-C, BA 754-C,  
 BA 82-30E, BA 83-36V,  
 BA 84-45V, BA 260-D,  
 BA 88-54V, SDP-75-60

ZONING: 347.M

No.	Date	Item
6	11/28/89	GENERAL REVISIONS
5	11/29/89	GENERAL REVISIONS
4	11/29/89	GENERAL REVISIONS
3	11/29/89	GENERAL REVISIONS
2	11/29/89	GENERAL REVISIONS
1	11/29/89	GENERAL REVISIONS

Drawn: *[Signature]*  
 Seal: [Professional Seal]  
 Checked: *[Signature]*  
 Approved: *[Signature]*

ADD'S ENGINEERING SERVICES, INC.  
 2133 ROCKWELL AVE.  
 BALTIMORE, MD 21226  
 TEL: (301) 744-1865

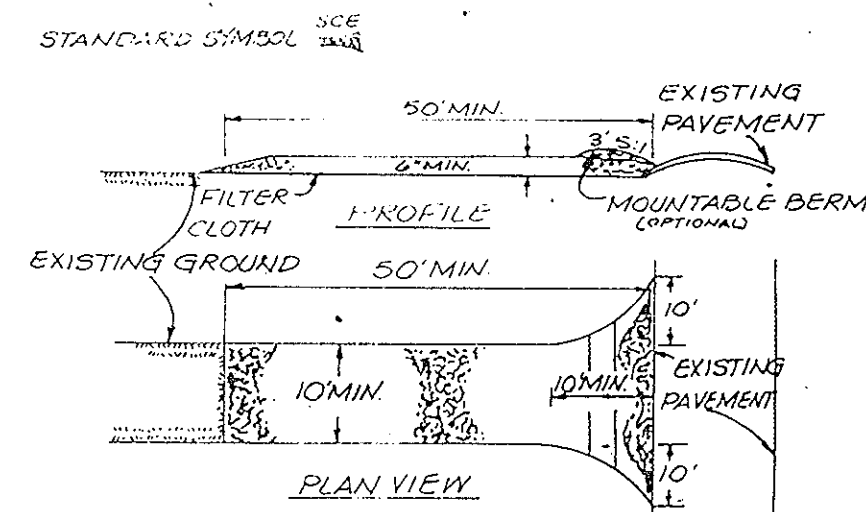
**ADD'S**  
 2133 ROCKWELL AVE.  
 BALTIMORE, MD 21226  
 TEL: (301) 744-1865

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
PAR 577	9469 BALTO. NATIONAL PIKE

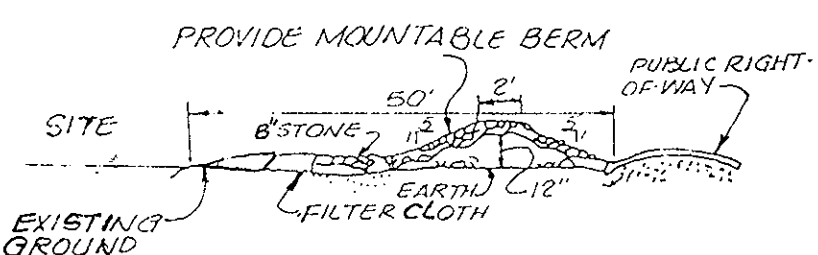
Subdivision Name: CHATHAM PLAZA  
 Sect/Area/Lot/Parcel: NA/577  
 Plat # of Block: 24  
 Zone: R-20  
 Water Code: F06  
 Sewer Code: 575 3700

Contr. No. 8804  
 Scale 1" = 20'  
 Date 1-27-89  
 Last Rev. 10-27-89



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE FILTER. WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE FILTERED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN APPROVED STABILIZED ENTRANCE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



STABILIZED CONSTRUCTION ENTRANCE  
NOT TO SCALE

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION  
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1. PREFERRED - APPLY 2 TONS PER ACRE (2,000 LBS/1000 SQ. FT.) OF DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.
2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING.

SEEDING

FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 40 LBS PER ACRE (4,000 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 40 LBS PER ACRE OF WEeping LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OPTION (2) USE SOD OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 2 1/2 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (348 GAL/1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION  
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)

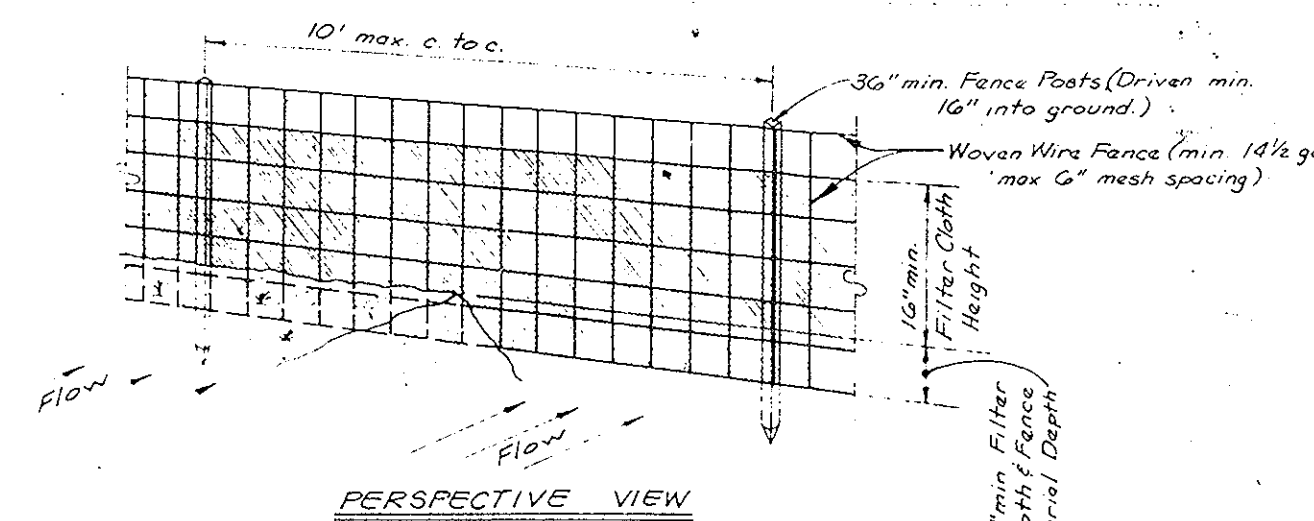
SEEDING

FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (32 LBS/1000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14 SEED WITH 3 LBS PER ACRE OF WEeping LOVEGRASS (0.7 LBS/1000 SQ. FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE SOD.

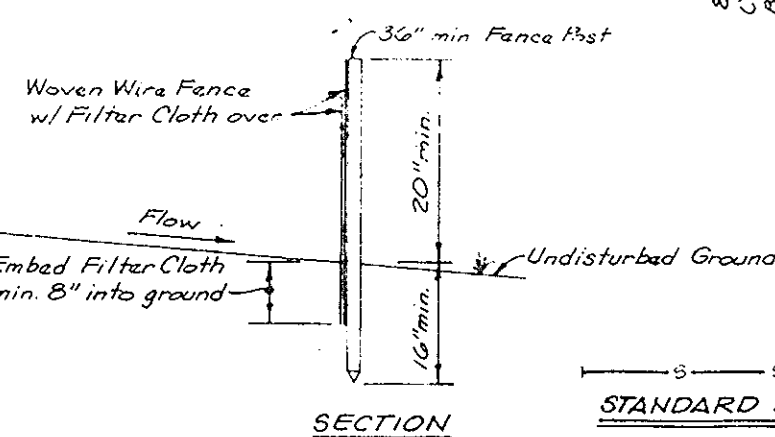
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 2 1/2 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT OR HIGHER, USE 348 GAL PER ACRE (348 GAL/1000 SQ. FT.) FOR ANCHORING.

NOTE - REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



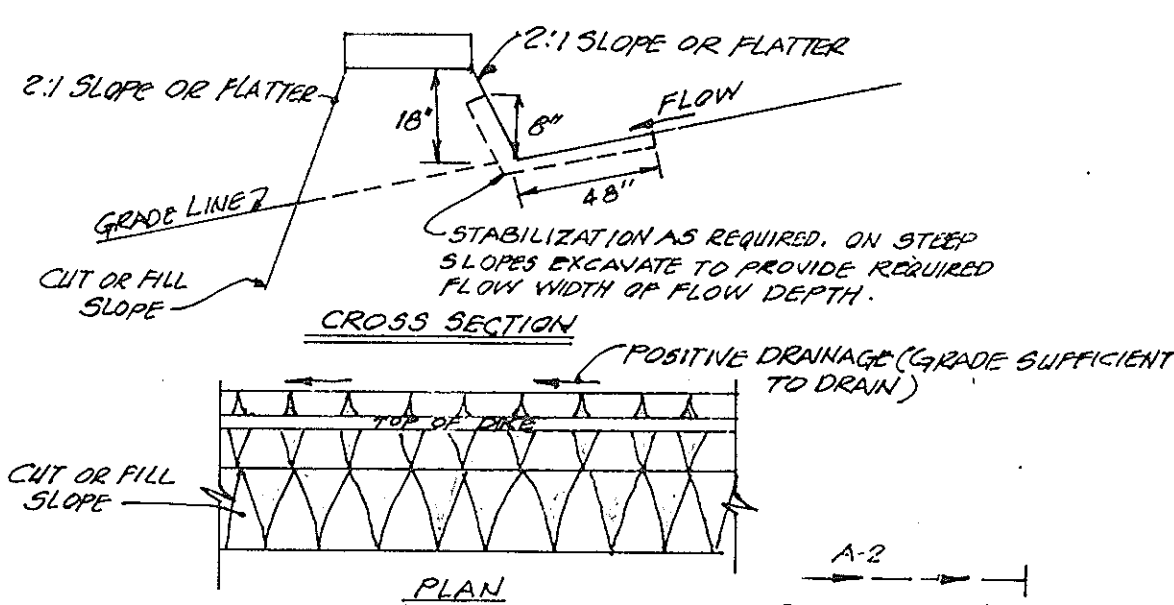
PERSPECTIVE VIEW



SECTION

SILT FENCE DETAIL

Not to Scale



CROSS SECTION

EARTH DIKE DETAIL

NOT TO SCALE

**DEVELOPER'S CERTIFICATE**

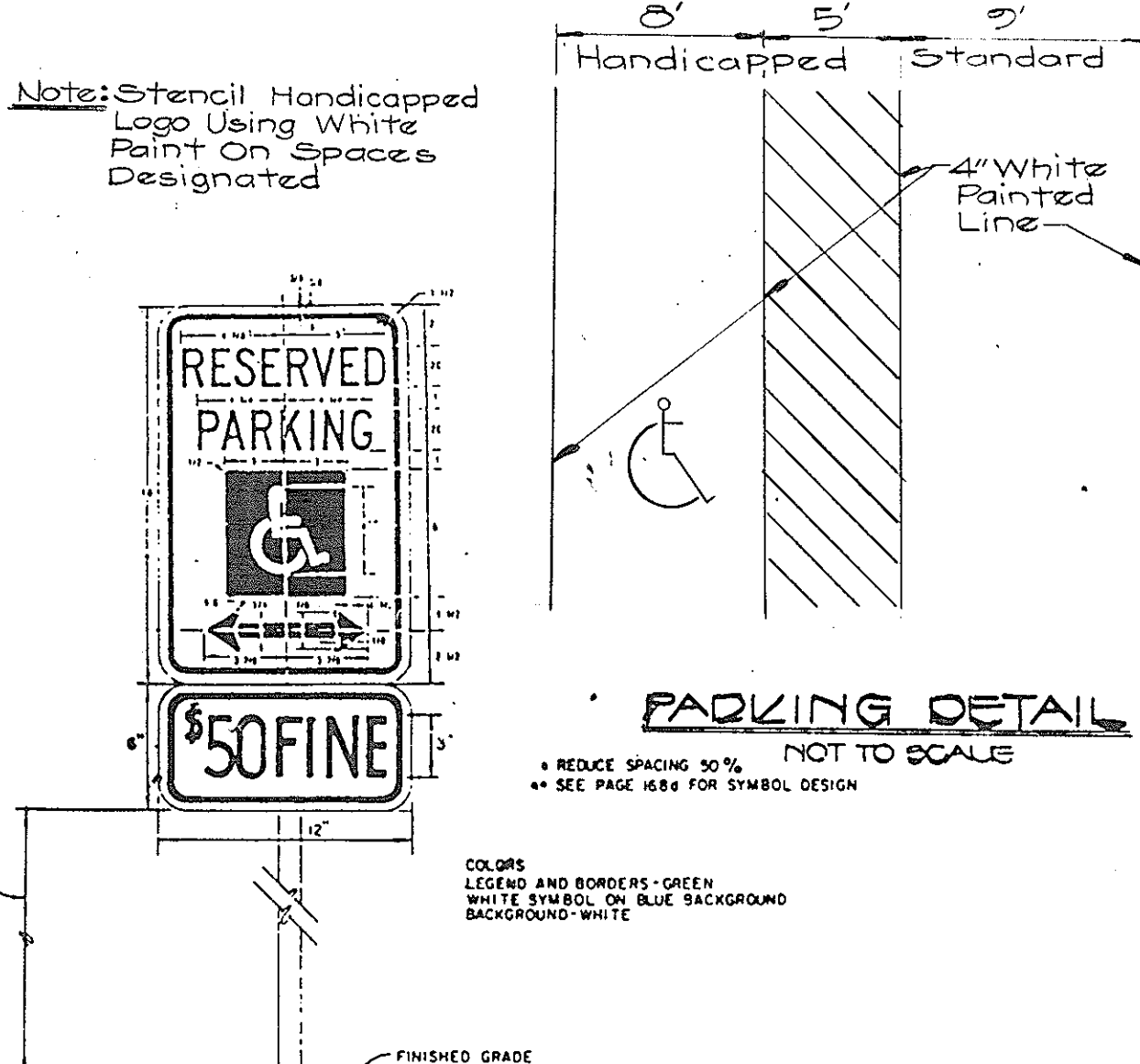
"I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*[Signature]* 11-7-89  
SIGNATURE OF DEVELOPER DATE

**ENGINEER'S CERTIFICATE**

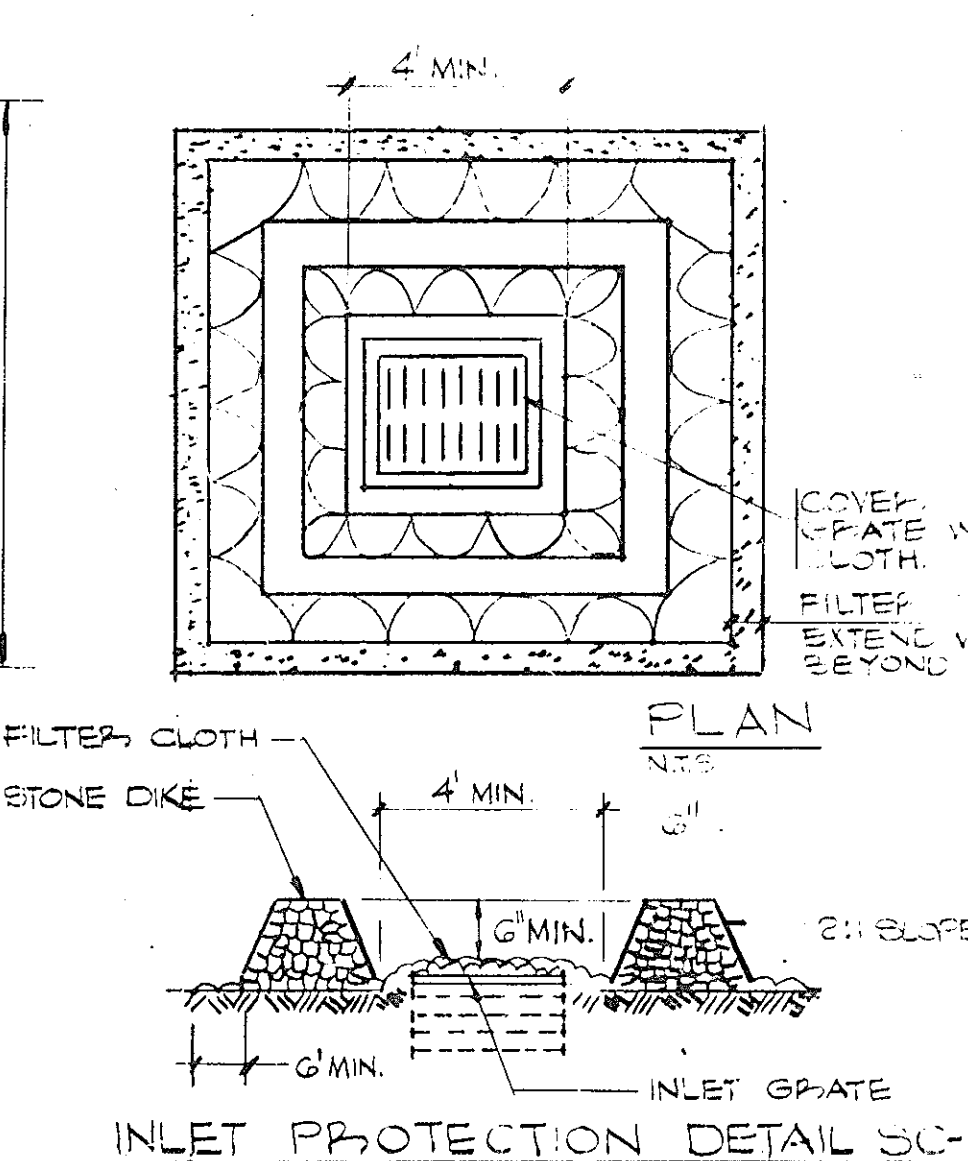
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*[Signature]* 11-27-89  
SIGNATURE OF ENGINEER DATE



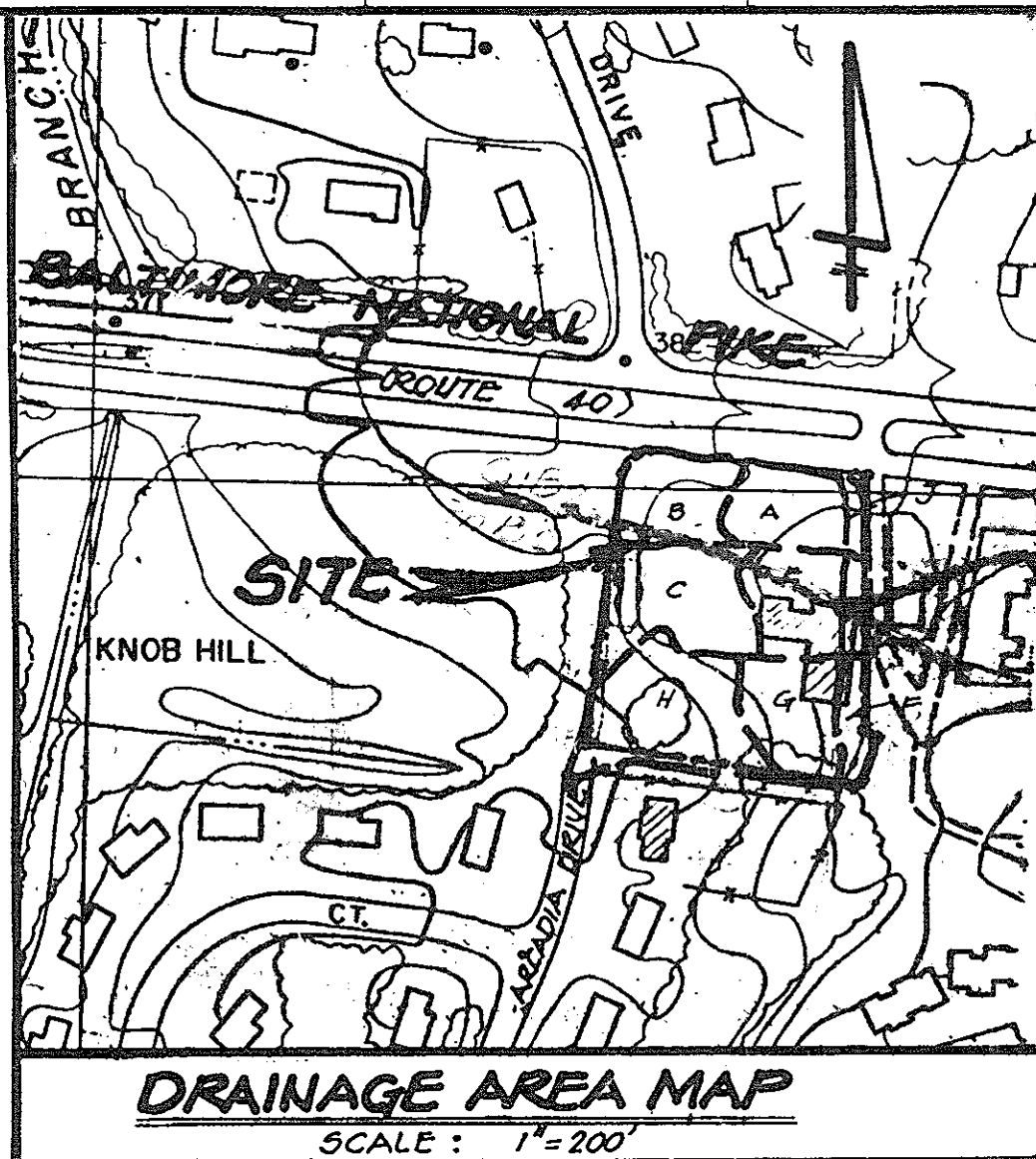
PARKING DETAIL

HANDICAPPED SIGN DETAIL



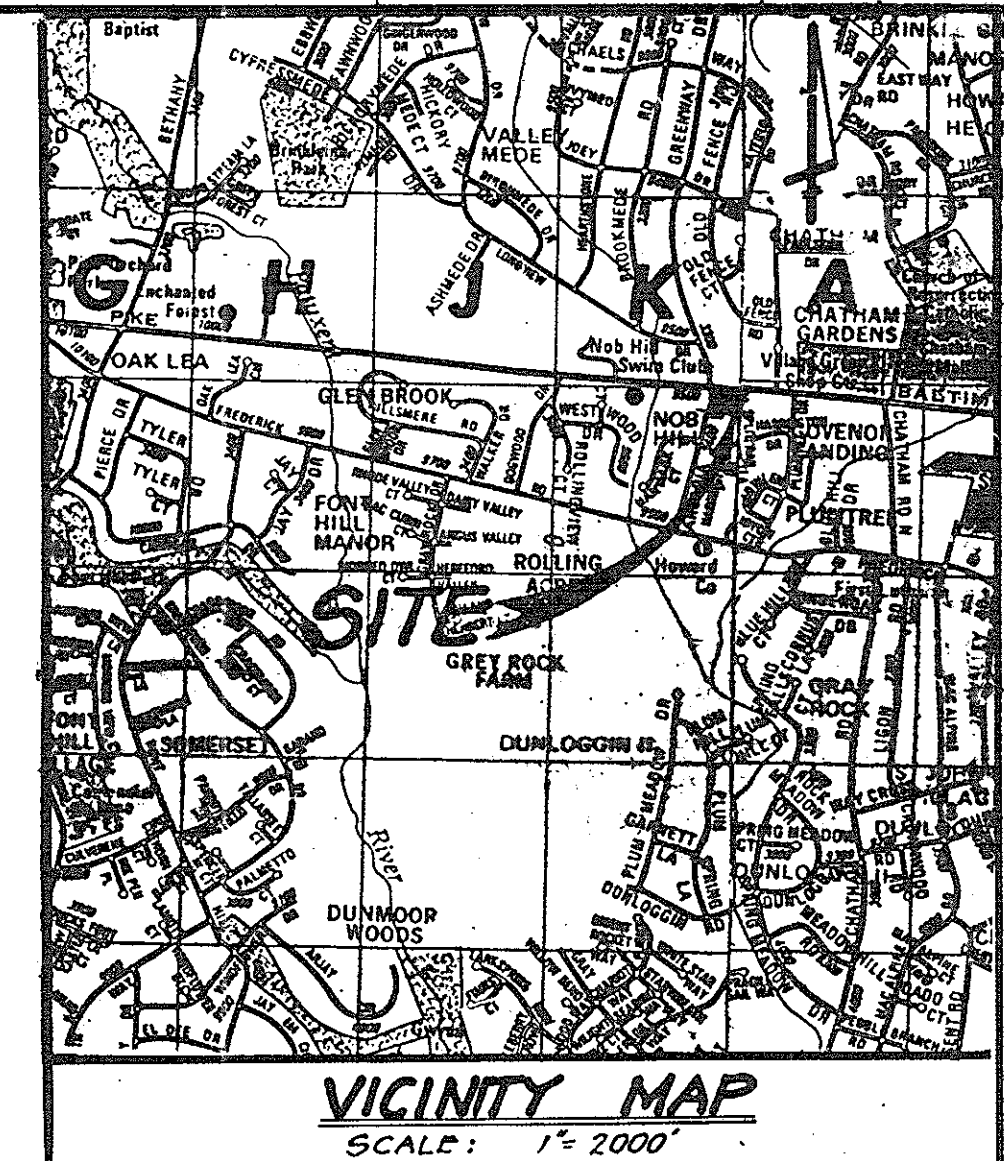
INLET PROTECTION DETAIL SC-2

SEDIMENT & EROSION CONTROL DETAILS



DRAINAGE AREA MAP

SCALE: 1" = 200'



VICINITY MAP

SCALE: 1" = 2000'

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Approved: *[Signature]* Date: 11/9/89  
Howard S.C.D.

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- INLET PROTECTION
- PROP. INLET AND NUMBER
- SILT FENCE
- TEMPORARY STOCK PILE
- EX. GROUND
- PROP. GRADE
- LIMIT OF DISTURBANCE
- EARTH DIKE

SEDIMENT CONTROL NOTES

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (992-2437)
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1 (b) 14 CALENDAR DAYS TO ALL OTHER DISTURBED AREAS ON THE PROJECT SITE.
4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12 OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC 51) SOD (SEC 54); TEMPORARY SEEDING (SEC 50) AND MULCHING (SEC 52). TEMPORARY STABILIZATION WITH MULCH AND SOD CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7. SITE ANALYSIS:
  - TOTAL AREA OF SITE: 2.3 AC.
  - AREA DISTURBED: 2.3 AC.
  - AREA TO BE ROOFED OR PAVED: 1.69 AC.
  - AREA TO BE VEGETATIVELY STABILIZED: 0.61 AC.
  - TOTAL CUT: 1844 CU. YDS.
  - TOTAL FILL: 6918 CU. YDS.
  - OFF-SITE WASTE/BORROW AREA LOCATION
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9. SOIL TYPE: G1B2 - GLENLEIGH LOAM, 3-8% SLOPE, MODERATELY ERODED. G1B2 - GLENVILLE LOAM, 3-8% SLOPE, MODERATELY ERODED.

MAINTENANCE OF INFILTRATION TRENCH

1. INSPECT SEVERAL TIMES IN THE FIRST FEW MONTHS OF OPERATION AND ANNUALLY THEREAFTER.
2. WATER LEVELS IN THE OBSERVATION WELL SHOULD BE RECORDED OVER SEVERAL DAYS TO CHECK TRENCH DRAINAGE.
3. CHECK INLET AND OUTLET PIPES FOR CLOGGING AND VANDALISM.
4. EXPECT REHABILITATION OF TRENCHES EVERY 5 TO 15 YEARS. BITUMINOUS SURFACE LAYER, STONE AGGREGATE, AND FILTER FABRIC MUST BE REMOVED AND THE SUBSOIL TILLED FOR BETTER INFILTRATION.

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD CO. HEALTH DEPARTMENT

*[Signature]* 11-27-89  
COUNTY HEALTH OFFICER DATE

APPROVED: H.C. DEPT. OF PLANNING AND ZONING

*[Signature]* 11/29/89  
DIRECTOR DATE

*[Signature]* 12/1/89  
CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS, HOWARD CO. DEPARTMENT OF PUBLIC WORKS

*[Signature]* 11/28/89  
DIRECTOR DATE

*[Signature]* 11/28/89  
CHIEF BUREAU OF ENGINEERING DATE

No.	Date	Item
1	2/27/89	GEN. REVISIONS

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
PAR. 577	9469 BALTO. NATIONAL PIKE

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
CHATHAM PLAZA		577

PLAT # OR L.P.	BLOCK #	ZONE	TAX/ZONE MAP	CLIC. DIST.	CENSUS TR.
G98/9293	4	B-1	24	TWO	6023.01

WATER CODE	SEWER CODE
F06	5759700

CHATHAM PLAZA  
9469 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY MARYLAND

OWNER:  
SALVATORE CALTABIANO  
SALVATORE CALTABIANO  
131 SUNNY DALE WAY  
REISTERSTOWN, MD. 21136

PARCEL #: 577 & 998  
DEED #: 1627 & 119  
LIBER: 695 FOLIO: 9293  
SECOND ELECTION DIST.  
HOWARD COUNTY, MD.  
BOARD OF APPEALS  
REF. CASE NO. 5  
BA 706-C, BA 754-C,  
BA 82-30E, BA 83-36V,  
BA 84-45N, BA 260-D,  
BA 88-34V, SDP-75-60  
ZONING: B47M

REVISIONS

No.	Date	Item
1	2/27/89	GEN. REVISIONS

Drawn Seal  
Checked  
Approved

ODESH ENGINEERING SERVICES, INC.  
5800 Metro Drive  
Baltimore, MD 21215  
(301) 358-7351

ADD'S  
2133 ROCKWELL AVE.  
BALTIMORE, MD 21228  
TEL. (301) 744-1865

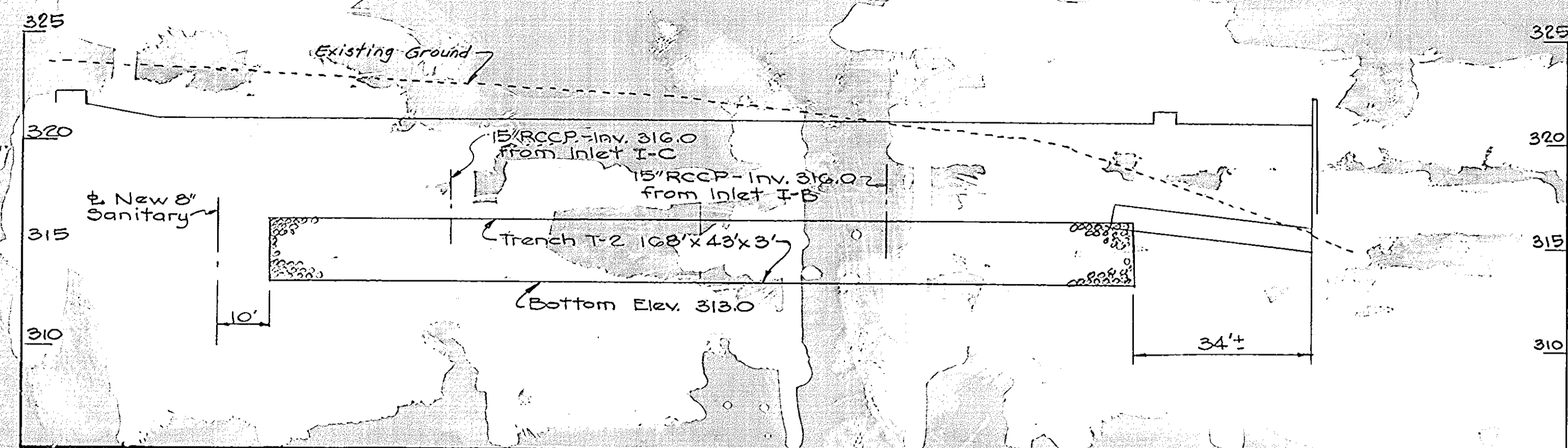
Title  
**SEDIMENT AND EROSION CONTROL DETAILS**

Contr. No. 8804  
Scale AS SHOWN  
Date 8-25-88  
Last Rev. 3-17-89

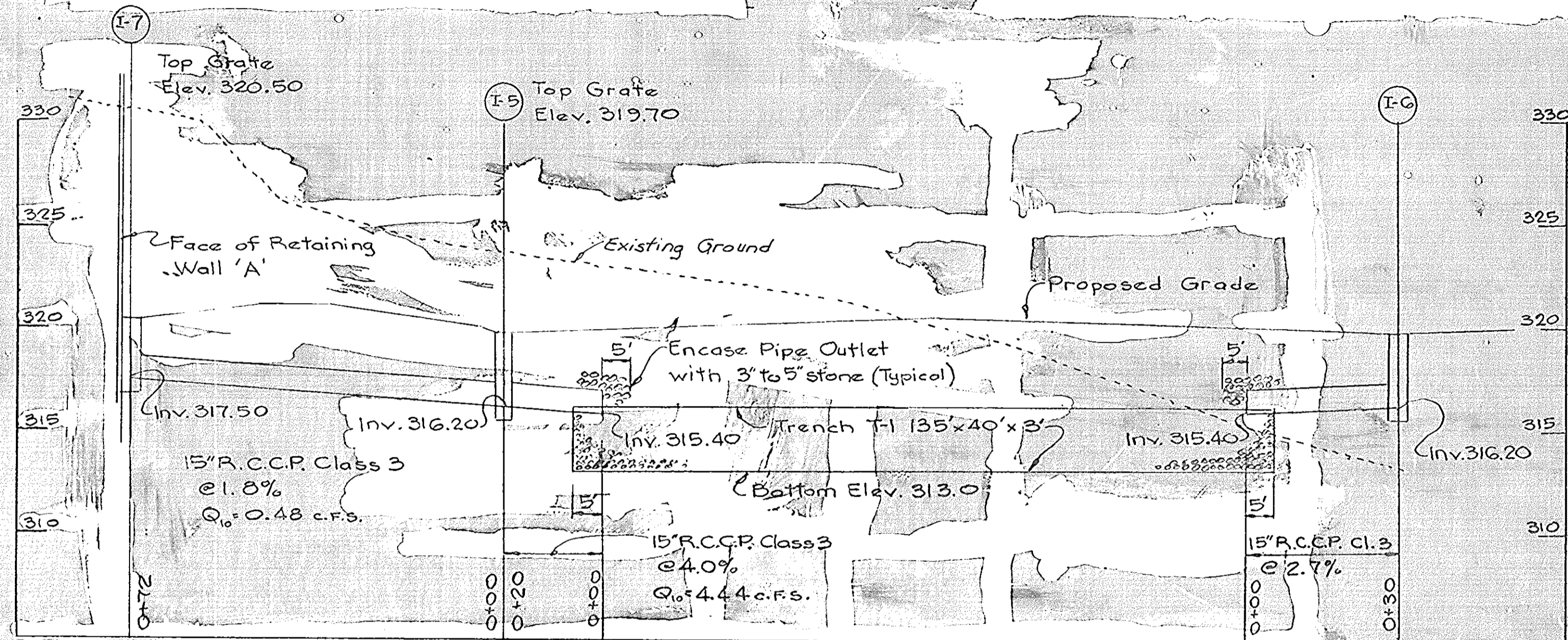
C-3  
3 OF 4

SDP-89-54

Note: All Inlets Type 'E', Howard Co. Std. S.D. 4.21 with Reticular Grate. Manhole Howard Co. Std. G.3.01



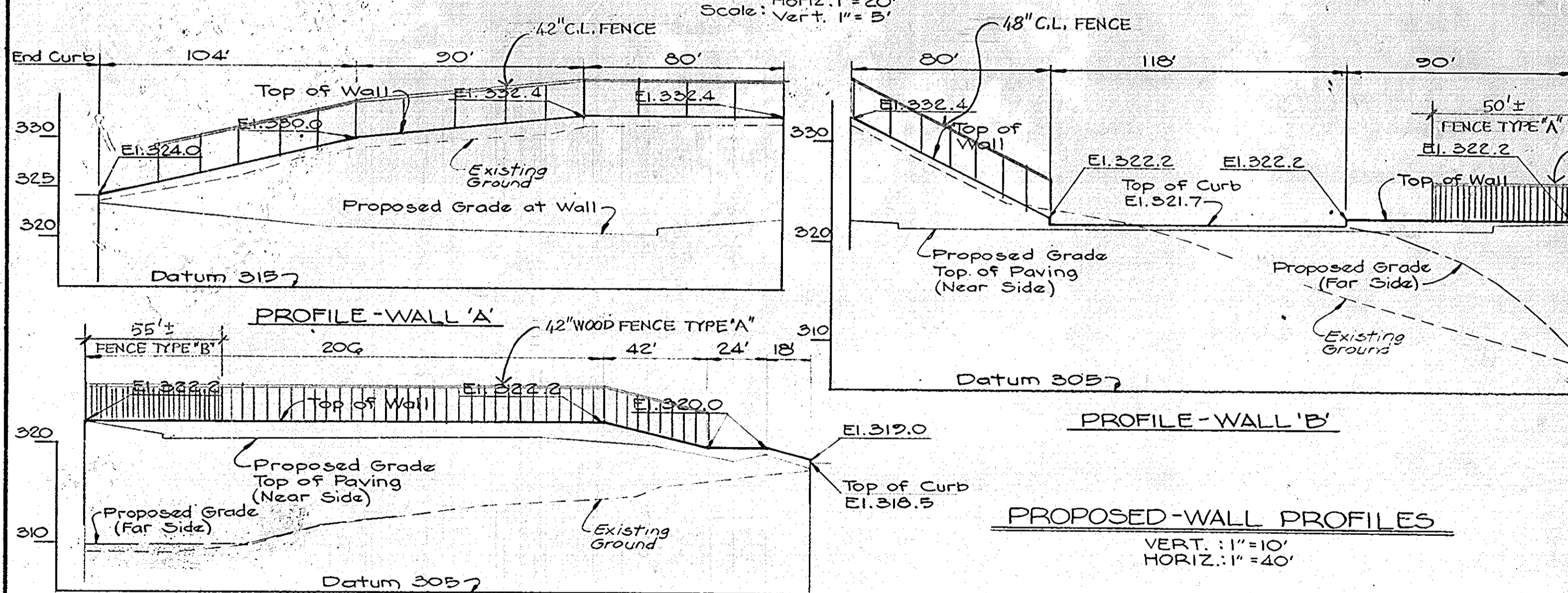
SECTION THRU INFILTRATION TRENCH T-2



SECTION THRU INFILTRATION TRENCH T-1

DRAINAGE PROFILES

Scale: Horiz. 1"=20' Vert. 1"=5'

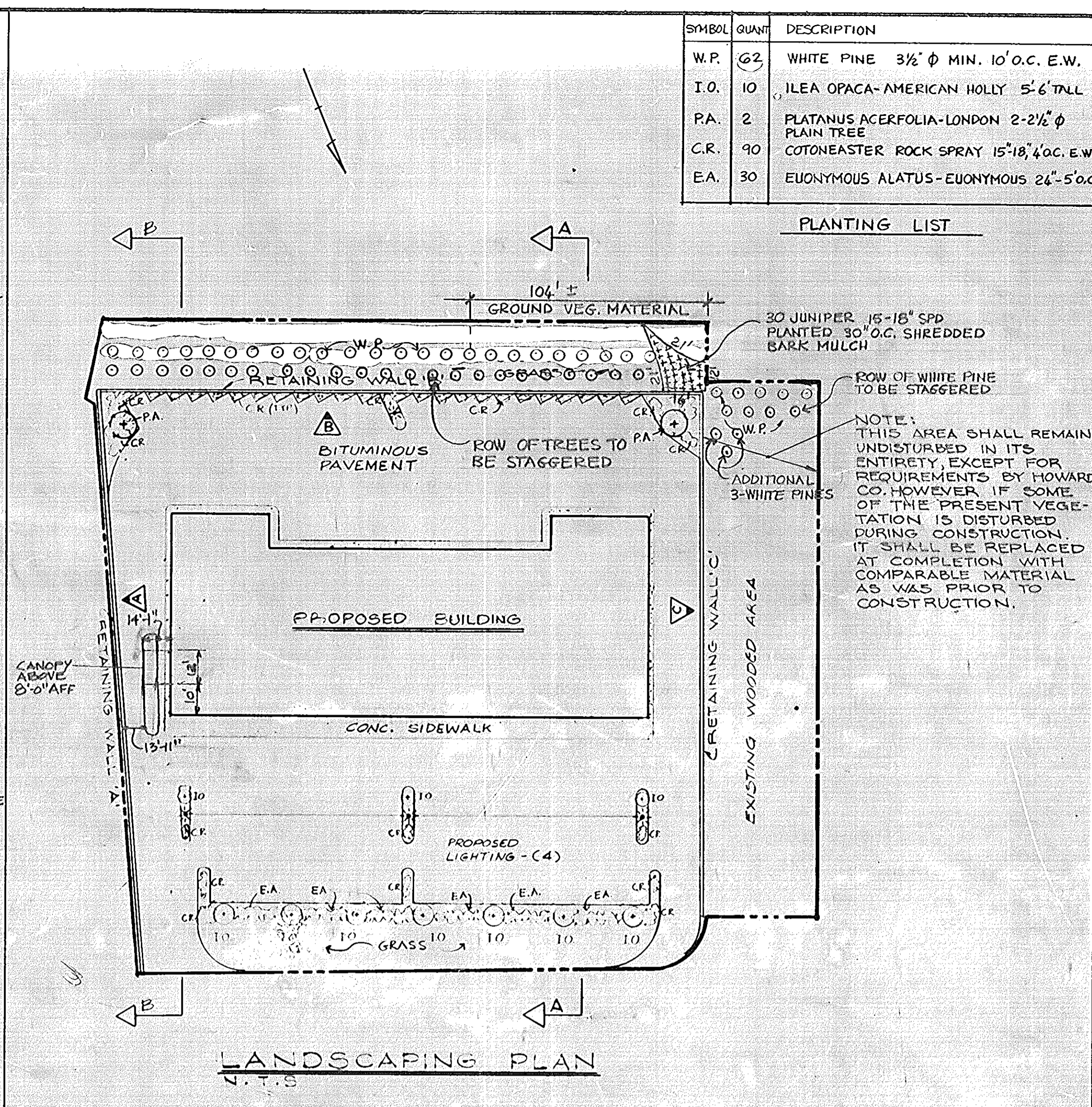


PROPOSED-WALL PROFILES

VERT. 1"=10' HORIZ. 1"=40'

- FENCE TYPE "A"
- a. 2x4 PRESSURE TREATED WOOD TOP & BOTTOM RAILS
  - b. 1x6 PRESSURE TREATED WOOD BOARDS WITH 5" SPACE
  - c. 2" STEEL TUBE 10.0' O.C. (GALVANIZED)

- FENCE TYPE "B"
- a. 2x4 PRESSURE TREATED WOOD TOP & BOTTOM RAILS
  - b. 1x6 PRESSURE TREATED WOOD BOARDS WITH 2" SPACE
  - c. 2" STEEL TUBE 10.0' O.C. (GALVANIZED)

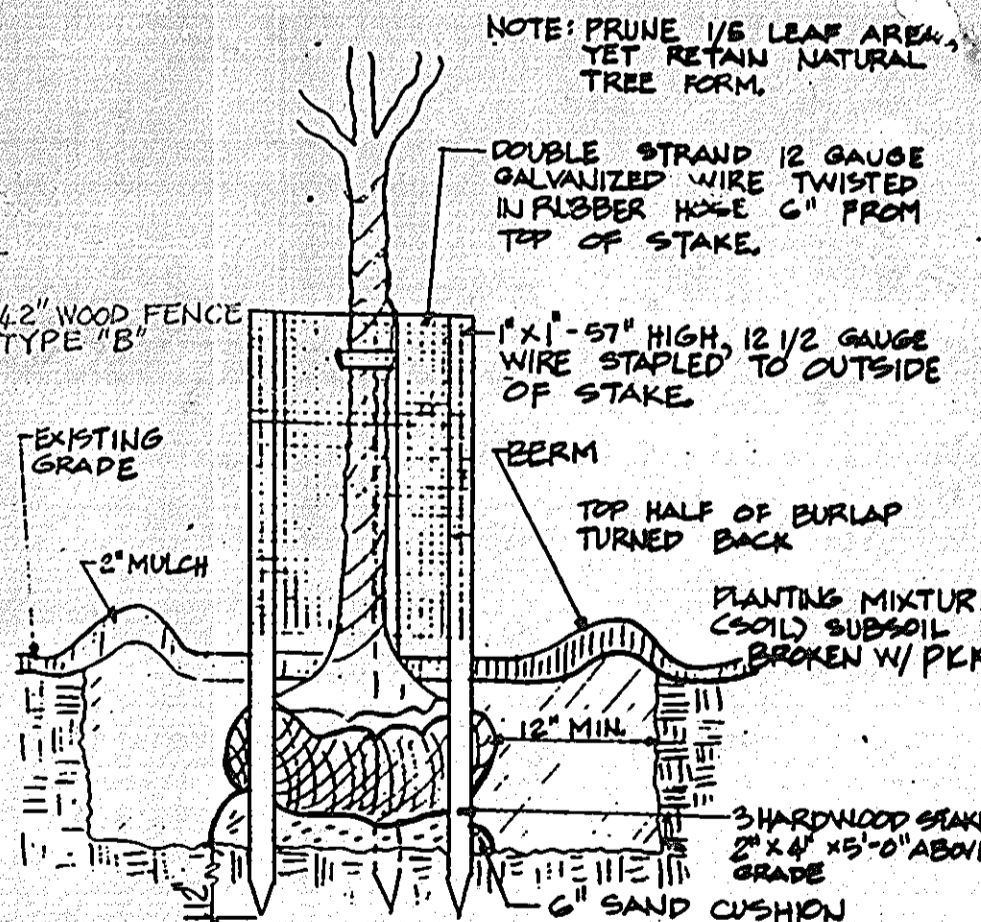


LANDSCAPING PLAN

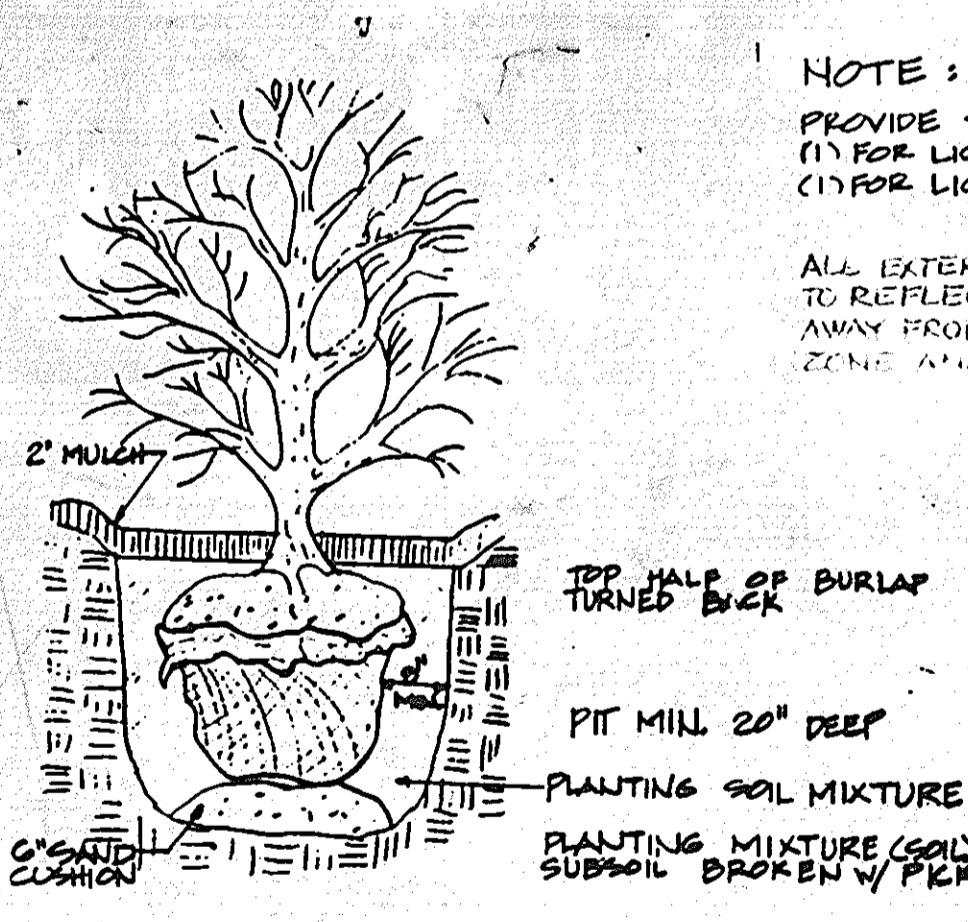
SYMBOL	QUANT	DESCRIPTION
W.P.	62	WHITE PINE 3/4" Ø MIN. 10' O.C. E.W.
I.O.	10	ILEA OPACA-AMERICAN HOLLY 5'-6" TALL
PA.	2	PLATANUS ACERFOLIA-LONDON 2-2 1/2" Ø PLAIN TREE
C.R.	90	COTONEASTER ROCK SPRAY 15'-18' Ø C. E.W.
EA.	30	EUONYMUS ALATUS-EUONYMUS 24"-5" O.C.

PLANTING LIST

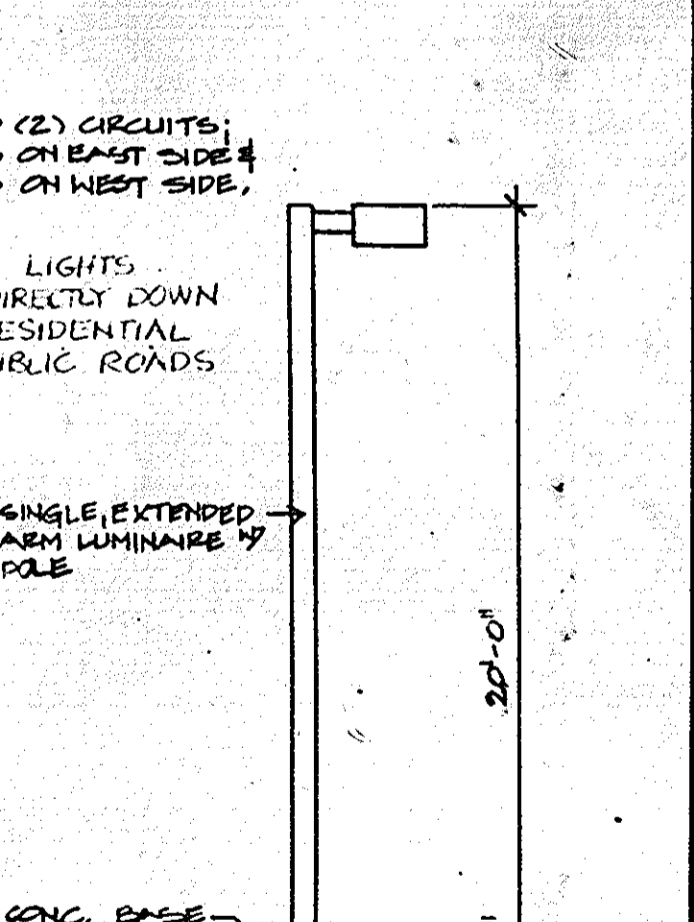
NOTE: THIS AREA SHALL REMAIN UNDISTURBED IN ITS ENTIRETY, EXCEPT FOR REQUIREMENTS BY HOWARD CO. HOWEVER, IF SOME OF THE PRESENT VEGETATION IS DISTURBED DURING CONSTRUCTION, IT SHALL BE REPLACED AT COMPLETION WITH COMPARABLE MATERIAL AS WAS PRIOR TO CONSTRUCTION.



1 TREE PLANTING DETAIL



2 SHRUB PLANTING DETAIL



3 LIGHTING ELEVATION

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEM, HOWARD CO. HEALTH DEPARTMENT

Approved: *[Signature]* 11-22-89  
COUNTY HEALTH OFFICER DATE

Approved: *[Signature]* 11-29-89  
DIRECTOR DATE

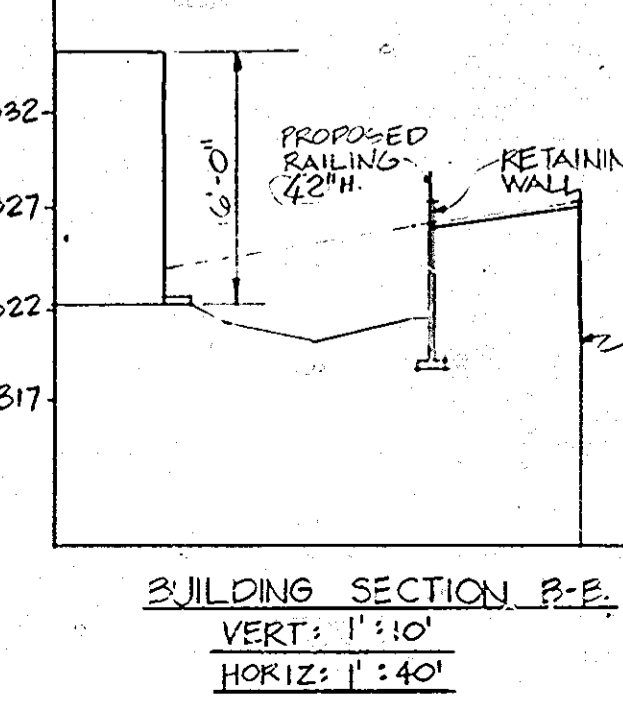
Approved: *[Signature]* 11-20-89  
CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

Approved: *[Signature]* 11-20-89  
DIRECTOR DATE

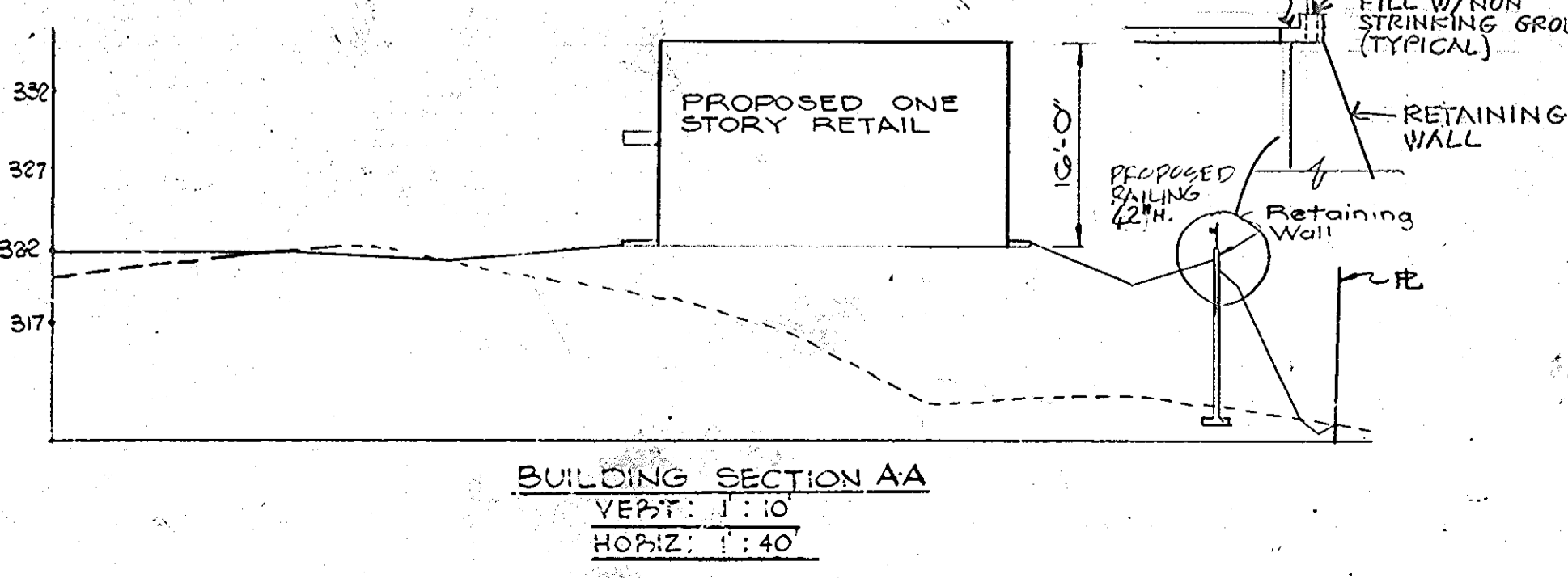
Approved: *[Signature]* 11-20-89  
CHIEF BUREAU OF ENGINEERING DATE

STRUCTURE NUMBER	TOP GRATE OR COVER	STRUCTURE TYPE	REMARKS
I-1	318.50	Std. 'E' Inlet	Depress 3"
I-2	318.35	Std. 'E' Inlet	Depress 2"
I-3	319.75	Std. 'E' Inlet	Depress 3"
I-4	319.75	Std. 'E' Inlet	Depress 3"
I-5	319.70	Std. 'E' Inlet	Depress 3 1/2"
I-6	319.70	Std. 'E' Inlet	Depress 3 1/2"
M-1	320.00	Std. Manhole	

Note: All Inlets Type 'E', Howard Co. Std. S.D. 4.21 with reticular grate, Howard Co. Std. S.D. 4.23. Manhole Howard Co. Std. G.3.01.



BUILDING SECTION P-B



BUILDING SECTION AA

APPROVED

DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND

DATE: 6-13-89

**CHATHAM PLAZA**

9469 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY MARYLAND

OWNER:  
SALVATORE CALTABIANO  
& VINENZA CALTABIANO  
131 SUNNY DALE WAY  
REISTERSTOWN, MD. 21136

PARCEL #: 577 & 998  
DEED #: 1627 & 119  
LIBER: 695 FOLIO: 9293  
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REF. CASE NO'S:

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- BA 84-45V, BA 260-D,
- BA 88-34V, SDP-75-60

ZONING: B-47-M  
7/1/89 CANOPY & DRIVEWAY REV.

6 1/31/81 MISC. REVISIONS  
5 4/4/80 GEN. REVISIONS  
4 2/28/81 GEN. REVISIONS  
3 6-16-81 GEN. REVISIONS  
2 4-28-81 GEN. REVISIONS  
1 3-17-81 GEN. REVISIONS

No.	Date	Item
REVISIONS		
Drawn	Seal	
Checked		
Approved		

**ADD'S**

2133 ROCKWELL AVE.  
BALTIMORE, MD. 21228  
TEL. (301) 744-1865

Title  
LANDSCAPING PLAN,  
PLANTING, LIGHTING  
& DRAINAGE DETAILS &  
DRAINAGE PROFILES

Contr. No.	8804	C-4
Scale	AS NOTED	
Date	2-27-89	
Last Rev.	10-28-89	

SDP-89-54